American Dynamics
A Tyco International Company

Illustra 400 IP Series Cameras

⅔ Megapixel Bullet

Features That Make a Difference:

- Max resolution 2/3 megapixel
- H.264 compression with 30 ips
- Sleek IP66-rated weatherproof construction
- Adjustable sunshield with security screws
- Wide dynamic range for clarity in high-contrast environments
- Industry leading low light clarity in color and black & white
- Dual streaming, progressive scan video
- PoE compliant (802.3 af)
- Camera supplied with arm mount

The Illustra 400 Series Bullet has one of the most powerful sensor-processor combinations available on the market with a weatherproof IP66 sleek enclosure. Its 896 x 720 resolution sets it apart as a versatile device, bridging “standard resolution” with 650k pixels for incredibly high resolution. This powerful resolution and H.264 compression creates a blend of image quality and bandwidth-friendly performance.

With wide dynamic range, advanced onboard storage, and remote management, these IP cameras deliver superior quality and versatility.

Power over Ethernet (802.3 af PoE) enables a single cable to power the device while sending video and receiving commands, saving time and installation costs.

PoE also powers the integrated IR illuminators up to 18m (55 ft). The IR illuminators take the Illustra 400 Bullet’s low light performance to a higher level. While the 400 Series delivers clarity at 0.2 lux in color and 0.01 lux in black & white, the IR illuminator allows these levels to go even lower. When low light is important, the illuminators will light the scene when there is zero ambient light.

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Specifications

Video

Compression . . . . . H.264, MJPEG
Max Frame Rate . . . . . H.264 30 ips 896 x 720
MJPEG: 30 ips 896 x 720

Camera

IR Illuminator . . . . . 18m (55 ft)
Resolution . . . . . CIF, D1, 896 x 720p
Video Streams. . . . . Dual simultaneous streams
Imager. . . . . 1/3" Sony CMOS progressive scan
Day/Night . . . . . Mechanical IR cut filter
Day/Night Mode . . . . . Auto/Day/Night/Schedule
Motion Detection. . . . . Yes, 512 independent zones with sensitivity control
Privacy Zones . . . . . Three independent configurable zones
Alarms. . . . . Motion, alarm input, Ethernet loss, network/ remote digital alarm input, tamper
Audio. . . . . Bi-directional duplex, half-duplex, audio off
Audio Input/Output . . . . . 1/1 3.5mm mini RCA jack
Alarm Input/Output 1/1
Minimum Illumination. . . . . 0.2 lux at F1.2 color
0.01 lux b/w
0.00 w/IR illuminator
Wide Dynamic Range . . . . . 100dB, 9 adjustable level settings
Lens Type . . . . . 3.3-12mm vari-focal auto iris DC drive lens
Auto-Iris Support . . . . . DC iris
Analog Video Output . . . . . 1.0 Vp-p +/- 10%, 75 ohm, composite, negative, BNC x 1

Network

Interface . . . . . Ethernet 10/100Base-T
Ethernet Port. RJ-45
Supported Protocols . . . . . TCP/IP, DHCP, HTTP, ICMP, UPnP, ARP, DNS, DDNS, PPPoE, SMTP, SNTP, FTP, UDP, RTP/RTCP/RTSP, IPv4, HTTPS, SAMBA, UPnP Port Forwarding, 3GPP

Configuration Management

Web Browser . . . . . MS Internet Explorer, Mozilla Firefox, Chrome
Security. . . . . Multi-level; multi-users; IP address filtering, User access log, HTTPS RSA

Onboard Storage

Card Support . . . . . MMC/SD/SDHC 2.0 up to 32GB
Brands Verified . . . . . Toshiba, A Pacer, PQI, A-Data, Transcend, Photo Fast
Pre-alarm Recording . . . . . Yes
Alarm Video Buffers. . . . . 48 MB pre-alarm and post-alarm
Record Format . . . . . MJPEG, AVI
Network Playback . . . . . Yes, via web browser
Recording Trigger . . . . . Schedule, motion detection, alarm, network loss
Smart Event Management. . . FTP file format, SMTP file format, SD card

Simultaneous Users. . . . . Eight

Mount . . . . . Hard mounting bend arm mount included

Electrical

Power Input. . . . . DC 12V (included), AC 24 V and PoE IEEE 802.3 af
Power Draw . . . . . DC 12V (10.5), AC 24 V (10.5W) and PoE (10.5W)
PoE Class . . . . . Class 3

Physical

Dimensions (D x W). . . . . 97mm x 236mm (3.82 in x 9.29 in)
Weight. . . . . 1.9 kg (4.2 lbs)
Housing Color . . . . . White or black
Operating Temperature . . . . . -40° to 50°C (-40° to 122°F) (powered by 12VDC power supply, included)
Outdoor Rating IP66

Regulatory

Emissions . . . . . FCC 107 & 109, Part 15b
ICES-003/NMB-003, Class A
AS/NZS CISPR22, Class A
CE: EN55022, Class A
Immunity . . . . . CE: EN50130-4
Safety . . . . . UL 60950-1

Ordering Information

Model Numbers	Description
ADCi400-B021	Illustra 400 Bullet 2/3MP 3.3-12 mm TDN WDR PoE indoor/outdoor white IR illuminator NTSC
ADCi400-B022	Illustra 400 Bullet 2/3MP 3.3-12 mm TDN WDR PoE indoor/outdoor white IR illuminator PAL
ADCi400-B042	Illustra 400 Bullet 2/3MP 3.3-12 mm TDN WDR PoE indoor/outdoor black IR illuminator PAL
ADCi400-B041	Illustra 400 Bullet 2/3MP 3.3-12 mm TDN WDR PoE indoor/outdoor black IR illuminator NTSC

Related Products

victor

VideoEdge NVR 4.0

HDVR

Approvals

RoHS 2002/95/EC

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